

FIGURE 1

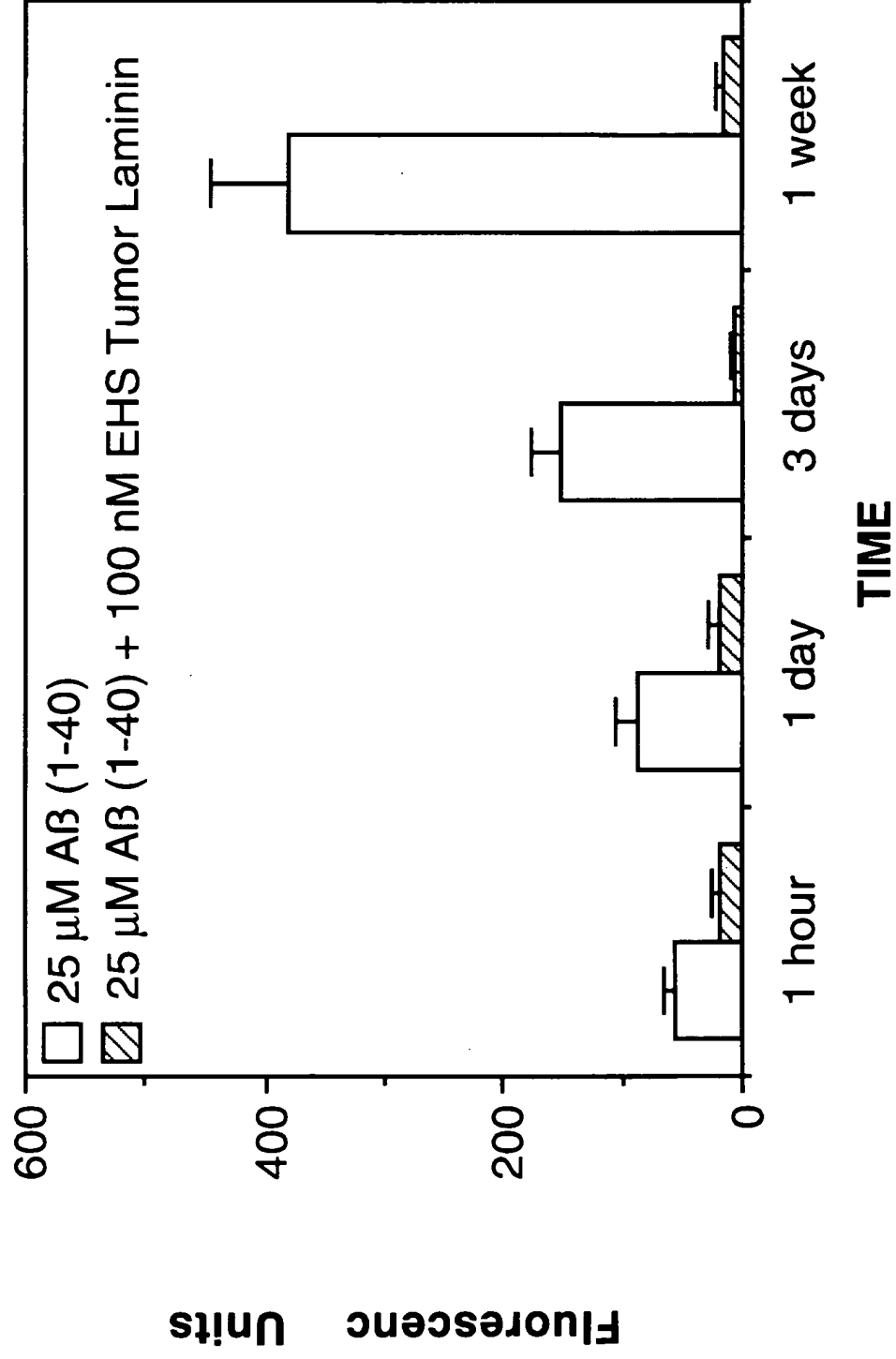


FIGURE 2

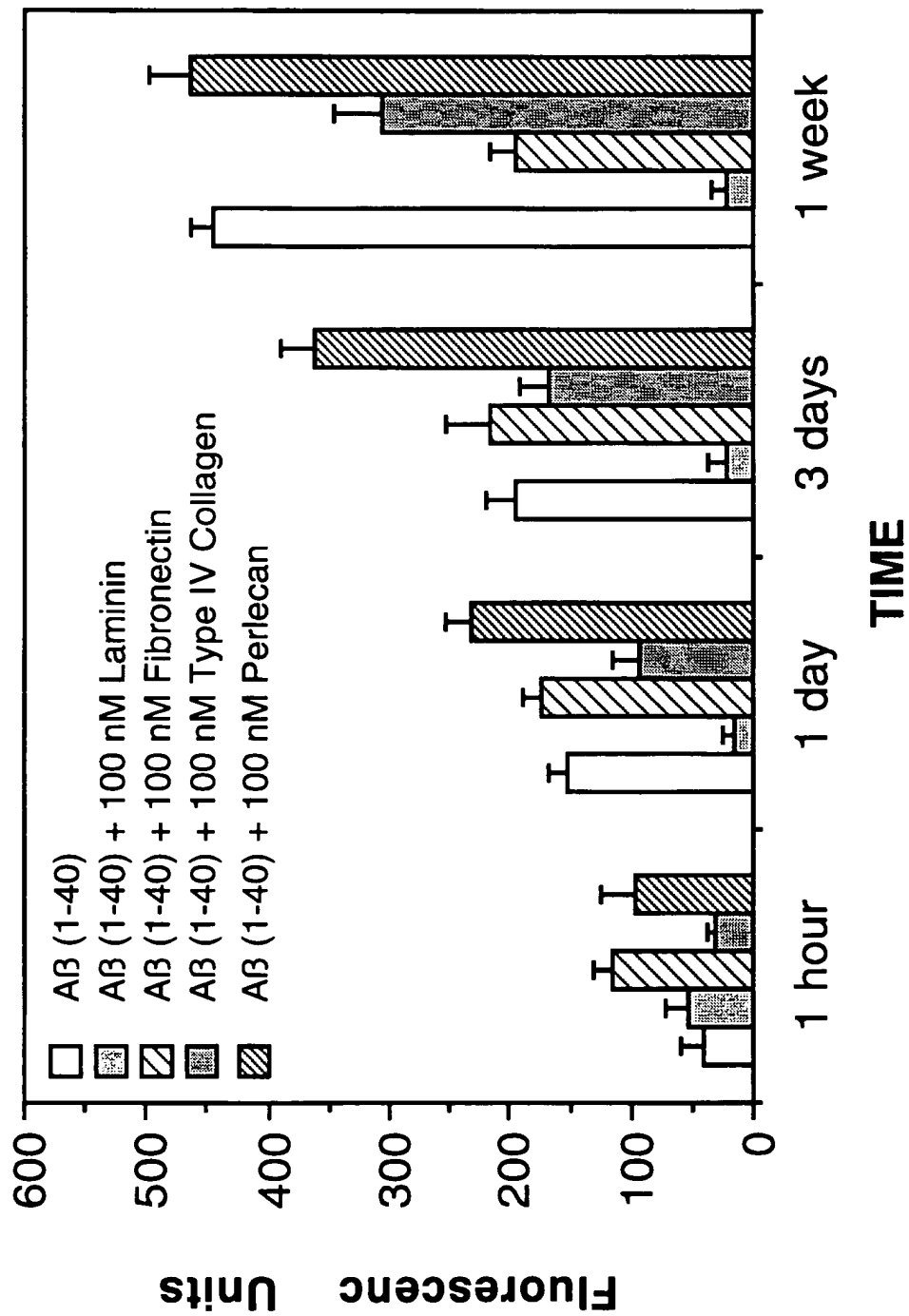


FIGURE 3

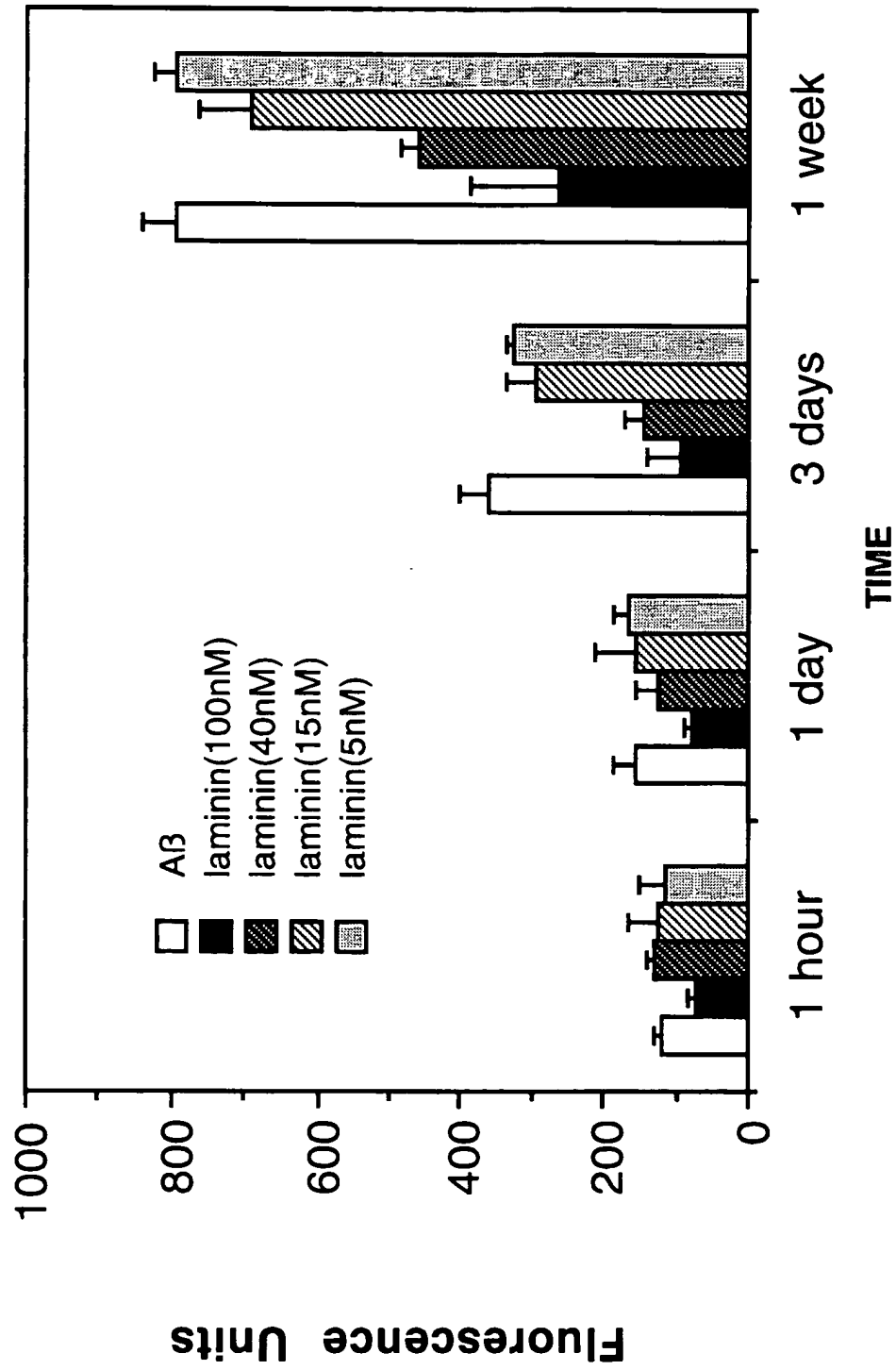


FIGURE 4

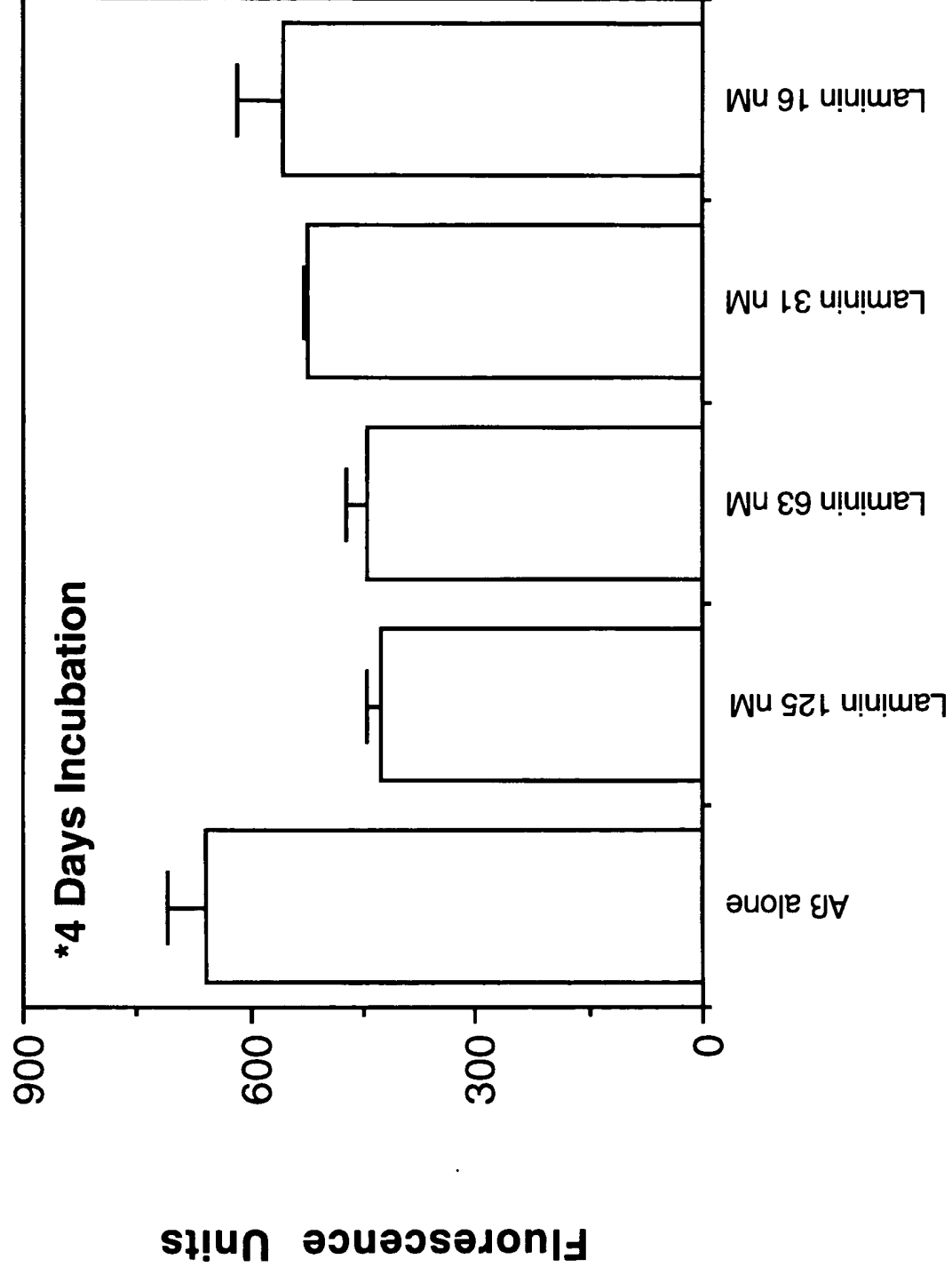


FIGURE 5

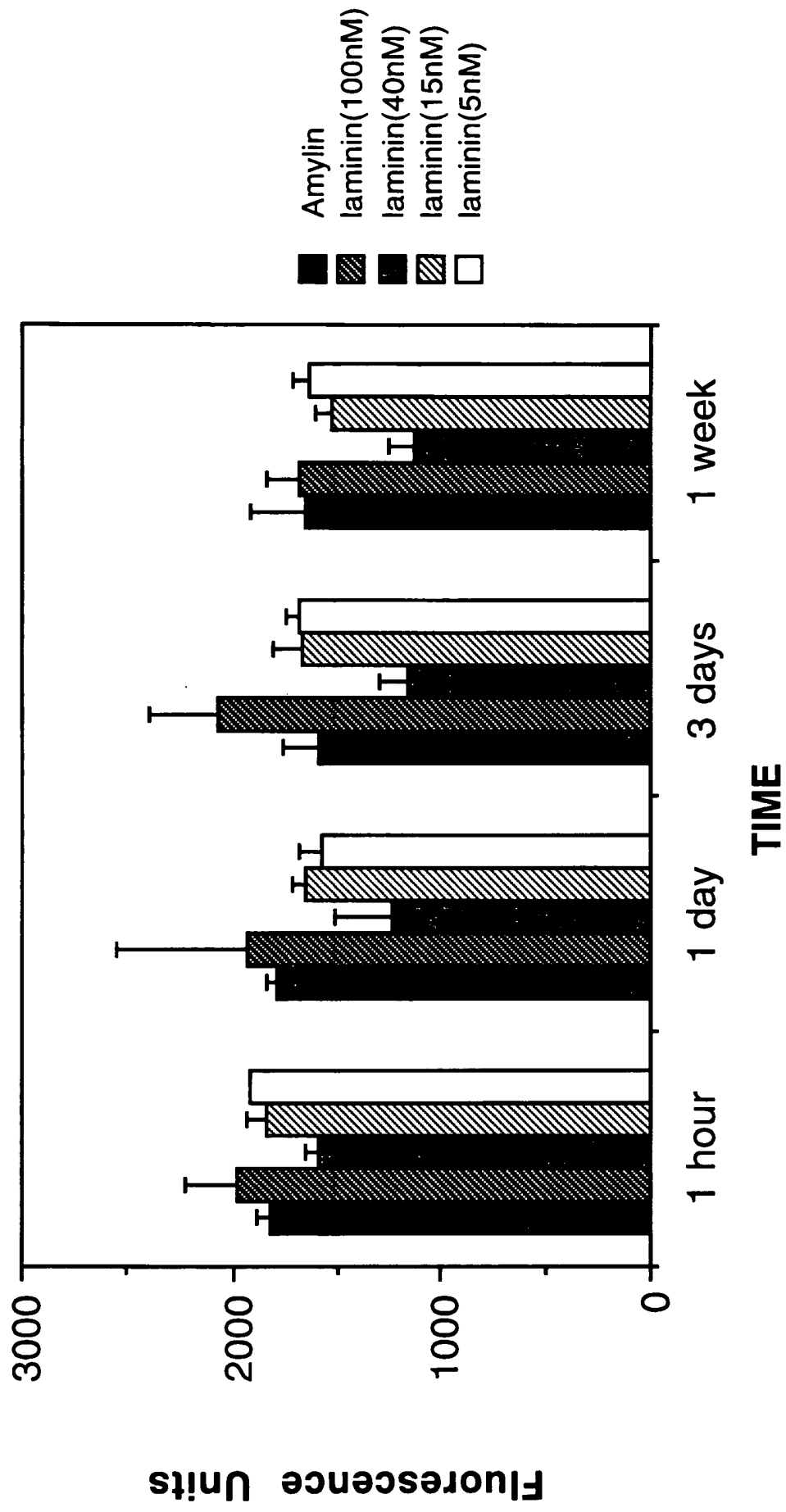


FIGURE 6



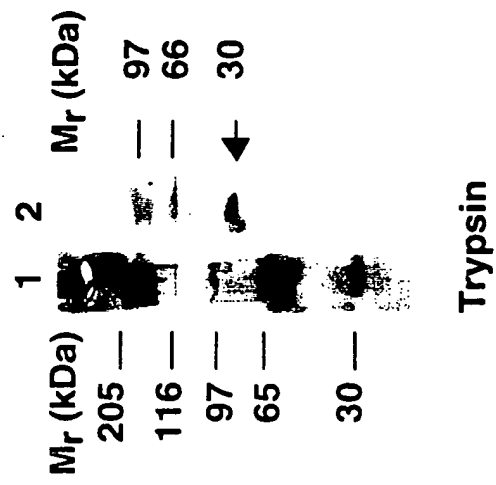


FIGURE 8



# B

# SEQUENCE

MRGSGTGAAL	LVLLASVLWV	TVRSQQRGLF	PAILNLATNA	HISANATCGE	KGPEMFCKLV
EHVPGRPVRH	AQCRVCDGNS	TNPRERHPIS	HAIDGTNNWW	QSPSIQNGRE	YHWVTVTLDL
RQVFQVAYII	IKAAANAPRG	NWILERSVDG	VKFKPWQYYA	VSDTECLTRY	KITPRRGPPPT
YRADNEVICT	SYYSKLVPLE	HGEIHTSLIN	GRPSADDPSP	QLLEFTSARY	IRLRLQRIRT
LNADLMTLSH	RDLRDLDPV	TRRYYSIKD	ISVGGMCIY	GHASSCPWDE	EAKQLQCQCE
HNTCGESCDR	CCPGYHQQPW	RPGTISSGNE	CEECNCHNKA	KDCYYDSSVA	KERRSLNTAG
QYSGGGVCVN	CSQNTTGINC	ETCIDQYYRP	HKVSPYDDHP	CRPCNCDPVG	SLSSVCIKDD
RHADLANGKW	PGQCPCKRGY	AGDKCDRCQF	GYRGFPNCIP	CDCRTVGS LN	EDPCIEPCLC
KKNVEGKNCD	RCKPGFYNLK	ERNPEGCSEC	FCFGVSGVCD	SLTWSISQVT	NMSGWLVTDL
MSTNKIRSQQ	DVLGGHRQIS	INNNTAVMQRL	TSTYYWAAPE	AYLGNKLTAF	GGFLKYTVSY
DIPVETVDS	LSHADIIK	GNGLTISTRA	EGLSLQPYEE	YFNVVRLVPE	NFRDFNTRRE
IDRDQLMTVL	ANVTHLLIRA	NYNSAKMALY	RLDSVSLDIA	SPNAIDLAVA	ADVEHCECPQ
GYTGTSCAC	LPGYRVDGI	LFGGICQPC	CHGHASECDI	HGICSVCTHN	TTGDHCEQCL
PGFYGTPSRG	TPGDCQPCAC	PLSIDSNNFS	PTCHLTDGEE	VVCDQCAPGY	SGSWCERCAD
GYGNPTVPG	GTCVPCNCSG	NVDPLEAGHC	DSVTGECLKC	LWNTDGAHCE	RCADGFYGDA
VTAKNCRACD	CHENGSLSGV	CHLETGLCDC	KPHVTGQQCD	QCLSGYYGLD	TGLGCVPCNC
SVEGSVSDNC	TEEGQCHCGP	GVSGKQCDRC	SHGFYAFQDG	GCTPCDCAHT	QNNCDPASGE
CLCPPHTQGL	KCEEECEAYW	GLDPEQGCQA	CNC SAVGSTS	AQCDVLSGHC	PCCKGFGGQS
CHQCSLGYRS	FPDCVPCGCD	LRGTLPTDTC	LEQGLCSCSE	DSGTCSCKEN	VVGPQCSKCQ
AGTFALRGDN	PQGCSPCFCF	GLSQLCSELE	GYVRTLITLA	SDQPLLHVVS	QSNLKG TIEG
VHFQPPDTLL	DAEAVRQHIY	AEPFYWRLPK	QFQGDQLLAY	GGKLQYSVAF	YSTLGTGTNSV
YEPQVLIKGG	RARKHVIYMD	APAPENGVRQ	DYEVQMKEEF	WKYFNSVSEK	HVTHSDFMSN
LSNIDYILIK	ASYGQGLQQS	RIANISMEVG	RKAVELPAEG	EAALLLELCV	CPPGTAGHSC
QDCAPGYRE	KLPESGGRGP	RPL LAPCVPC	NCNNHSDVCD	PETGKCLSCR	DHTSGDHCEL
CASGYYGKVT	GLPGDCTPCT	CPHHPPFSFS	PTCVVEGDS	FRCNACLPGY	EGQYCERCSA
GYHGNPRAAG	GSCQTCDCNP	QGSVHSDCDR	ASGQCVCKPG	ATGLHCEKCL	PRHILMESDC
VSCDDDCVGP	LLNDLDSVGD	AVLSLNL TG	SPAPYGILEN	LENTTKYFQR	YLIKENAKKI
RAEIQLEGIA	EQTENLQKEL	TRVLARHQKV	NAEMERTSNG	TQALATFIEQ	LHANIKEITE
KVATLNQTAR	KDFQPPVSAL	QSMHQNISSL	LGLIKERNFT	EMQQNATLEL	KAADLLSRI
QKRFQKPQEK	LKALKEANSL	LSNHSEKLQA	AEELLKEAGS	LKTESNLLLL	LVKANLKEEF
QEKKL RVQEE	QNVTS ELIAK	GREWVDAAGT	HTAAAQDTLT	QLEHHRDELL	LWARKIRSHV
DDLVMQMSKR	RARDLVHRAE	QHASELQ SRA	GALDRDLENV	RNVSLNATSA	AHVHSNIQTL
TEEAEMLAAD	AHKTANKTDL	ISESLASRGK	AVLQRSSRFL	KESVGTRRKQ	QGITMKLDEL
KNLTSQFQES	VDNITKQAND	SLAMLRESPG	GMREKGRKAR	ELAAAANESA	VKTLEDVLAL
SLRVFNTSED	LSRVNATVQE	TNDLLHNSTM	TTLLAGRKMK	DMEQM ANLLL	DRLKPLKTLE
ENLSRNLSEI	KLLISRARKQ	AASIKVAVSA	DRDCIRAYQP	QTSSTNYNTL	ILNVKTQEPD
NLLFYLGSSS	SSDFLAVEMR	RGKVAFLWDL	SGSSTRLEFP	EVSINNNRWH	SIYITRFGNM
GSLSVKEASA	AENPPVRTSK	SPGPSKVLDI	NNSTLMFVGG	LGGQIKKSPA	VKVTHFKGCM
GEAFLNGKSI	GLWNYIEREG	KCNGCFGSSQ	NEDSSFHFDG	SGYAMVEKTL	RPTVTQIVIL
FSTFSPNGLL	FYLASNGTKD	FLSIELVRGR	VKVMVDLGSG	PLTLMTDRRY	NNGTWYKIAF
QRNRKQGLLA	VFDAYDTS DK	ETKQGETPGA	ASDLNRLEKD	LIYVGGLPHS	KAVRKGVSRR
SYVGCIKNLE	ISRSTFDLLR	NSYGVKRGCA	LEPIQSVSFL	RGGYVEMPPK	SLSPESSLLA
TFATKNSSGI	LLVALGKDAE	EAGGAQAHVP	FFSIMLLEGR	IEVHVNSGDG	TSLRKALLHA
PTGSYS DGE	HSISLVRNRR	VITIQVDENS	PVEMKLGPLT	EGKTIDISNL	YIGGLPEDKA
TPMLKMRTSF	HGCIKNVVLD	AQLLDFTHAT	GSEQVELDTC	LLAEPMQSL	HREHGELPPE
PPTLPQPELC	AVDTAPGYVA	GAHQFGLSQN	SHLVLP LNQS	DVRKRLQVQL	SIRTFASSGL
IYYVAHQNM	DYATLQLQEG	RLHFMFDLGK	GRTKVSHPAL	LSDGKWH TVK	TEYIKRKAFM
TVDGQESPSV	TVVGNATTLD	VERKLYLGGL	PSHYRARNIG	TITHSIPACI	GEIMVNGQQL
DKDRPLSASA	VDRCYVVAQE	GTFFEGSGYA	ALVKEGYKVR	LDLNITLEFR	TTSKNGVLLG
ISSAKVDAIG	LEIVDGKVL F	HVNNGAGRIT	ATYQPRAARA	LCDGKWH TLQ	AHKS KHRIVL
TVDGNSVRAE	SPH THST SAD	TNDPIYVGGY	PAHIKQNCLS	SRASFRGCVR	NLRLSRGSQV
QSLDLSRAFD	LQGVFPHSCP	GPEP			

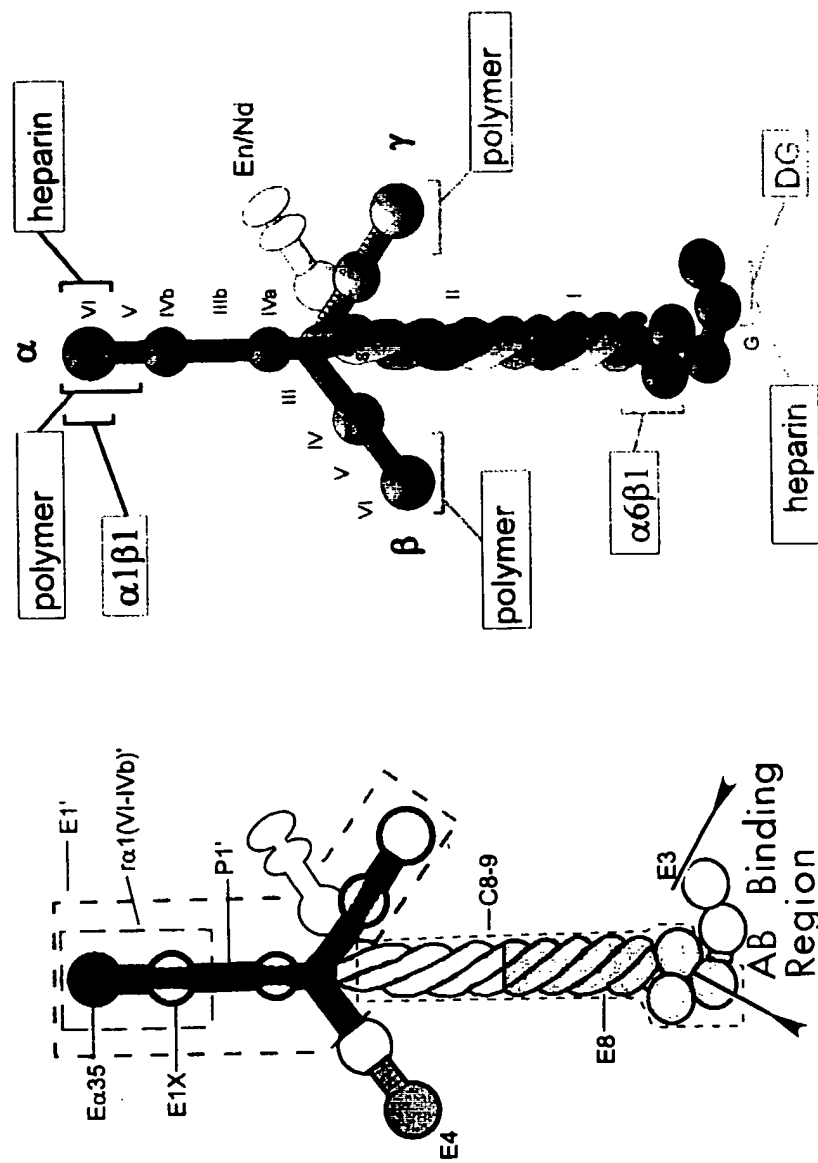
[illegible]

FIGURE 11

SDS-PAGE gel image showing protein bands. Molecular weight markers are indicated on the left: 203, 118, 86, 52, 34, 29, 19, and 8 kDa. Arrows on the right point to bands at approximately 118 kDa and 86 kDa. The lanes are labeled 1, 2, 3, 4, 5, 6, 7 and 1, 2, 3, 4, 5, 6, 7.

FIGURE 12

**12345678910**

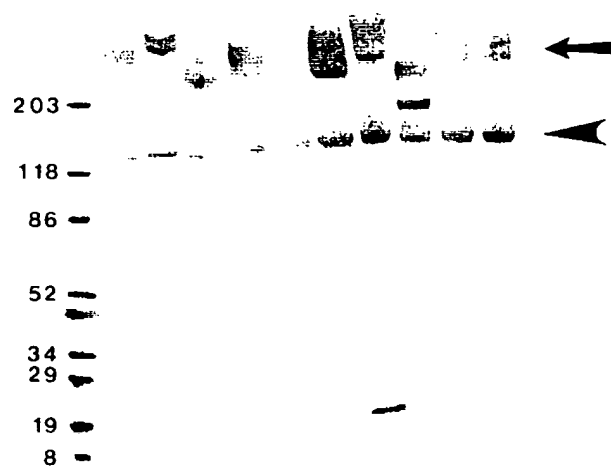


FIGURE 13

